



Sheet 1 of 5

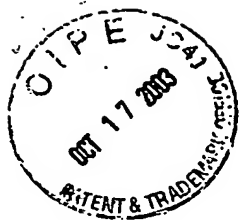
<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. ISIS-5246	Application No. 10/663,155
	Applicant Phillip Dan Cook, et al.	
	Filing Date September 15, 2003	Group Not Yet Assigned
	Confirmation No. Not Yet Assigned	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
<i>10</i>	1	Cotton, M., et al., <i>Nucleic Acids Research</i> , 1991, 19, 2629-2635
	2	Ekborg, G., et al., <i>Carbohydrates, Nucleosides, Nucleotides</i> , 1980, 7, 57-61
	3	Gladkaya, V.A., et al., <i>Khim. Prir. Soedin</i> , 1989, 4, 568
	4	Hansske, F., et al., <i>Tetrahedron</i> , 1984, 40, 125-135
	5	Inoue, H., et al., "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides," <i>Nucleic Acids Research</i> , XP 000570336, 1987, 15(15), 6131-6148
	6	Iribarren, A.M., et al., <i>Proc. Natl. Acad. Sci.</i> , 1990, 87, 7747-7751
	7	March, J., <i>Advanced Organic Chemistry, Wiley-Interscience</i> , John Wiley & Sons, 1985, 220
	8	Robins, M.J., et al., <i>J. Org. Chem.</i> , 1974, 39, 1891-1899
	9	Robins, M.J., et al., <i>Can. J. Chem.</i> , 1981, 59, 3360-3364
<i>10</i>	10	Singer, B. and Kusmirek, "Alkylation of Ribose in RNA Reacted with Ethylnitrosourea at Neutrality", <i>Biochemistry</i> 1976, 15(23); 5052-5057
EXAMINER <i>David E. [Signature]</i>		DATE CONSIDERED <i>12-2-01</i>



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Ho	11	Sproat, B.S., et al., <i>Nucleic Acids Res.</i> , 1990, 18, 41-49	
Ho	12	Sproat, B.S., et al., <i>Nucleic Acids Res.</i> , 1991, 19, 733-738	
Ho	13	Sproat, B.S., et al., "2'-O-methyloligoribo-nucleotides: synthesis and applications," <i>Oligonucleotides and Analogues</i> , Eckstein, F. (Ed.), Oxford University Press, 1991, 49-86	
Ho	14	Wagner, E., et al., <i>Nucleic Acids Res.</i> , 1991, 19, 5965-5971	
Ho	15	Yamauchi, K., et al., <i>J. Org. Chem.</i> , 1980, 45, 3865-3868	
Ho	16	Chavis, C. et al., "Synthesis of 2',3'-Differentiated Ribonucleosides via Lycosylation Reactions with 2'-O-TBDMS Ribofuranose Derivatives. A. Pyrimidine Series", <i>J. Org. Chem.</i> 1982, 47, 202-206.	
Ho	17	Copy of the European Search Report dated February 3, 2003 (EP 02 07 6058)	
Ho	18	Divakar, K.J. et al., "Reaction Between 2,2'-Anhydro-1-β-p-arabinofuranosyluracil and Thiolate Ions", <i>J. Chem. Soc. Perkin Trans.</i> 1982, 1625-1628.	
Ho	19	Guinosso, et al., "synthesis and biophysical and biological evaluation of 2'-modified antisense oligonucleotides," <i>Nucleosides &amp; Nucleotides</i> , 1991, 10(1-3)259-262	
Ho	20	Inou, et al., "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H," <i>FEBS Letts.</i> , 1987, 215, 327-330	
EXAMINER <i>Heard</i>		DATE CONSIDERED 12-2-04	



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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>				
Go	21	Inoue, et al., "Synthesis and properties of novel nucleic acid probes," <i>Nuc. Acids Res.</i> , 1985, 16, 165-168		
	22	Khursid, et al., <i>FEBS Letts.</i> , 1972, 28(1), 25		
	23	Kielanowska, et al., <i>Nucleic Acids Res.</i> , 1976, 3(3), 817		
	24	Kikuchi, et al., <i>Chemical Science</i> , 1988, 43(5), 623-630; Chemical Abstracts, January 24, 1989, 110, Abstract No. 24,228		
	25	Kusmierek, et al., <i>ACTA Biochimica Polonica</i> , 1973, 20(4), 365		
	26	Pike, et al., <i>J. Org. Chem.</i> , 1974, 39(25), 3674		
	27	Ransford, et al., <i>J. Carbohydrates - nucleosides-nucleotides</i> , 1974, 1(3), 275		
	28	Rottman, et al., <i>Biochemistry</i> , 1974, 13, 2762		
	29	Sproat, et al., "2' -O-alkyloligoribonucleotides: synthesis and applications in studying RNA splicing," <i>Nucleosides &amp; Nucleotides</i> , 1991, 10, 25-35		
	30	Tazawa, et al., <i>Biochemistry</i> , 1972, 11, 4931		
VHD	31	Wagner, D. et al., "Preparation and Synthetic Utility of Some Organotin Derivatives of Nucleosides", <i>J. Org. Chem.</i> 1974, 39(1), 24-30		
EXAMINER		DATE CONSIDERED 12-2-04		



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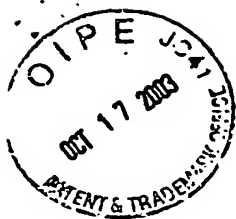
**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
H0	32	5,013,830	05/1991	Ohtsuka, et al.	536	25.1
	33	4,511,713	04/1985	Miller, et al.		
	34	5,013,830	05/1991	Ohtsuka, et al.		
	35	5,214,135	05/25/93	Srivastava, et al.	536	26.7
	36	5,466,786	11/14/95	Buhr et al.	435	26.26
H0	37	5,658,731	08/19/97	Sproat et al.	435	6

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
H0	38	0 260 032	03/16/88	EPO		
H0	39	0 269 574 A2	06/1988	EPO		
	40	<del>0 378 518</del>	<del>07/18/90</del>	EPO		X
H0	41	0 399 330	05/15/90	EPO		
H0	42	0 519 463	12/23/92	EPO		
H0	43	39 15 462	05/11/89	Germany		

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Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
<i>SP</i>	44	41 10 085 A1	10/01/92	Germany	X abstract		
	45	WO 90/08156	07/26/90	PCT			
	46	WO 91/15499	10/17/91	PCT			
	47	WO 91/06556	05/16/91	PCT			
	48	2,017,369	05/23/90	Canada			
<i>VH</i>							
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>12-4-04</i>			